

## 2018 Pilatus PC12 NG

### Airframe:

Time since new: 2335 hours

Cycles since new: 1988

### Engine:

Manufacturer: Pratt & Whitney Canada Corp

Time since new: 2335 hours

Cycles since new: 1980

### Propeller:

Manufacturer: Hartzell Propeller Inc

Time since new: 2125 hours

## Avionics and Flight Instruments Packages

Elite Package, including:

Co-Pilot PFD

Co-Pilot Audio/Marker Panel

TAWS Class B & TCAS I

Smart View Synthetic Vision System

Wireless Connected Flight Deck

Stormscope (WX500)

2nd GPS

GPS WAAS/LPV Functionality Honeywell KGS200

ADS-B Out

2nd Mode S Transponder (Diversity)  
Honeywell Dual ChartLink  
RVSM (Reduced Vertical Separation Minimum)  
Coupled VNAV  
Iridium Antenna (antenna only)  
Electronic Checklist Function

## Additional Equipment:

Airconditioning System  
Aerowave 100 In-flight Internet  
Cargo Kit  
EU-OPS Commercial Operations Package  
Steep Approach Capability  
RDR-2060 Radar

## Interior:

Executive 6+2-Seat Interior  
Quilted Seat Facings

## Structures:

- Aluminum Alloy for Primary Skin and Structure
- Epoxy Resin-based Composites for Secondary Parts
- Semi-monocoque Design Pressurized Fuselage
- Pilot/Passenger Airstair Door
- Cargo Door
- Overwing Emergency Exit
- 2 High-lift Wings
- T-tail Empennage
- Complete Internal and External Structure Corrosion Protection

## Aircraft systems:

### Propulsion System

- 1 Pratt & Whitney Canada PT6A-67P Turboprop Engine
- 1 Hartzell Five-blade Composite Propeller
- Engine Chip Detector System

### Electrical System

- 2 Starter/Generator Units 28 VDC, 300 Amps each
- Automatic Load Shedding
- 2 Lead Acid Batteries 24 VDC, 42 Amp Hours each
- 1 Emergency Power System (EPS), 24 DC, 5 Amp Hours
- 1 External Power Connector for 28VDC Power Source

### Fuel System

- 2 Integral Fuel Tanks with Delivery and Transfer System
- 2 Motive-flow Delivery (Jet) Pumps
- 2 Electrical Boost Pumps
- 1 Engine-driven Pump

### Flight Controls

- All-mechanical Primary Flight Controls
- Electrically Operated Flaps
- Electrical Trim in all Axes

### Landing Gear

- Electromechanical Retractable Tricycle Landing Gear with

### Trailing Link Main Gear

- Soft-field/Low-pressure Tires
- Emergency Gear Extension System
- Mechanical Nosewheel Steering
- Toe-operated Pedal Wheel Brakes
- Parking Brake

### Cabin Pressurization Control System (CPCS)

- 1 Electronically Controlled Outflow Valve
- 1 Digital Controller
- 1 Pneumatic Safety Valve

- 2 Negative Pressure Relief Valves

#### Environmental Control System (ECS)

- Air Cycle System – using Engine Bleed Air to Provide Conditioned Air for Pressurization, Heating and Cooling
- 1 Digital ECS Controller (for Air Cycle System, Auxiliary Heaters, Recirculation Fans and Optional Vapor Cycle Cooling System)
- Dual Zone Temperature Control (Cockpit and Cabin)
- Auxiliary Electrical Heating System (2 Underfloor Heaters)
- Conditioned Air Distribution via 4 Cockpit Outlets (2 Floor, 2 Adjustable Chest level) and Cabin Floor-level Outlets
- Re-circulated Air Distribution via Adjustable Overhead Cabin and Cockpit Outlets (1 per Seat)

#### Oxygen System

- Supplemental Oxygen System
- 1 Oxygen Cylinder
- 2 Crew Diluter Demand Masks with Integral Connected Microphones
- 1 Constant-flow Mask per Passenger
- 1 Oxygen Quantity Indicator

#### Ice and Rain Protection

- Wing Leading Edge Pneumatic De-icing Boots
- Horizontal Stabilizer Pneumatic De-icing Boots
- Windshield Electrical Anti-icing
- Engine Inlet Exhaust Gas Heat Anti-icing
- Propeller Blades Electrical Anti-icing Boots
- Pitot-static Probe Electrical Anti-icing
- Stall Warning Sensors Electrical Anti-icing

#### Exterior Lights

- 2 LED Combined Wingtip Lights (Strobe and Nav)
- 2 LED Landing Lights
- 1 LED Taxi Light
- 1 Wing Icing Inspection Light (Left Side)
- 2 LED Red Flashing Beacons

## Avionics and instruments

### Integrated Honeywell Primus Apex Suite

- 1 Primary Flight Display (PFD), Flat Panel Display Unit, 10.4" Diagonal
    - ADI/HSI (Dual-channel Data Source for Air Data, Attitude and Heading Reference)
    - 1 Radar Altimeter
    - Engine Instruments
    - 2 COM (8,33 KHz Spacing)
    - 2 NAV (1 DME)
    - 1 Mode S Transponder (Diversity)
    - 1 ADF
  - 2 Primary Flight Display (PFD) Controller
  - 1 Elapsed Timer
  - 1 Integrated GPS Receiver
  - 1 Audio/Marker Panel
  - 1 Flight Guidance Controller for Digital Three-Axes Autopilot System
  - 1 Situational Awareness Multifunction Display (MFD), Flat Panel Display Unit, 10.4" Diagonal
    - Flight Management System (FMS)
    - Weather Radar Indication
    - Moving Map with Overlays
  - 1 Systems Multifunction Display (MFD), Flat Panel Display Unit, 10.4" Diagonal
    - Warnings, Cautions and Advisories (CAS)
    - Messaging)
    - Gear, Trim and Flaps Indication
    - Fuel Indication
    - ECS/CPCS Indication
    - Electrical Systems Indication
  - 1 Multifunction Display (MFD) Controller (includes Alphanumeric Keyboard)
  - 1 Cursor Control Device (CCD)
  - 1 Central Maintenance System
- ### Other Flight Instrumentation
- Dual Pitot Static System
  - 1 RDR2000 Weather Radar
  - 1 Integrated Electronic Standby Instrument System (ESIS)
  - 1 ELT 406 MHz with Remote Switch
  - 1 Nav Interface to 406 MHz ELT

- 1 Flight Time Recorder (“Hobbs Meter”)
- 1 Lightweight data recorder

## Cabin:

- 9 Oval Cabin Windows with Internal Pull-down Shades
- Painted Composite Interior Panels
- Carpet
- Aft Baggage Storage Area including Baggage Net
- 2 Cabin Speakers
- 1 Document Holder

## Cabin Lights

- 1 Passenger Door Flood Light
- 1 Cargo Door Flood Light
- 1 Cabin Light System
- Independent Reading Lights (1 per Seat)
- 1 Baggage Compartment Light

## Cockpit compartment:

- 2 Crew Control Wheels, 2 Rudder Pedal Sets
- 2 Crew Seats – 8-way Adjustable, Reclining with Foldable Armrest, Headrest, and 4-point Torso Restraint System
- 2 Cockpit Speakers
- 2 Hand Microphones
- 2 Active Noise Reduction (ANR) Headsets
- Painted Composite Interior Panels
- Carpet
- 1 Cockpit/Cabin Bulkhead Divider with Curtain
- 2 Adjustable Sunvisors
- AFM/En-route Chart Storage Pockets
- Clipboard/Notepad, Pen Holders

- 2 Cup Holders
- 1 Direct Vision (DV) Window

#### Cockpit Lights

- 2 Ceiling Lights
- 4 Adjustable Panel Flood Lights
- 4 Adjustable Circuit-breaker Flood Lights
- 2 Map Reading Lights
- Internally Lighted Switch Panels
- Internally Lighted Cockpit Controllers

#### Miscellaneous:

- Internal/External Markings and Placards
- 1 Hand Fire Extinguisher
- Cabin Door Lock and Keys
- Nosewheel Steering Bar
- Gust Lock - Control Column
- Covers - AOA Transmitters, Pitot Tubes, Engine Air Intake, Oil Cooler Intake, ECS Intake, Generator Intake, Engine Exhaust Stacks
- Propeller Restraint
- Apple iPad with Aircraft Presentation